

FIG. 1

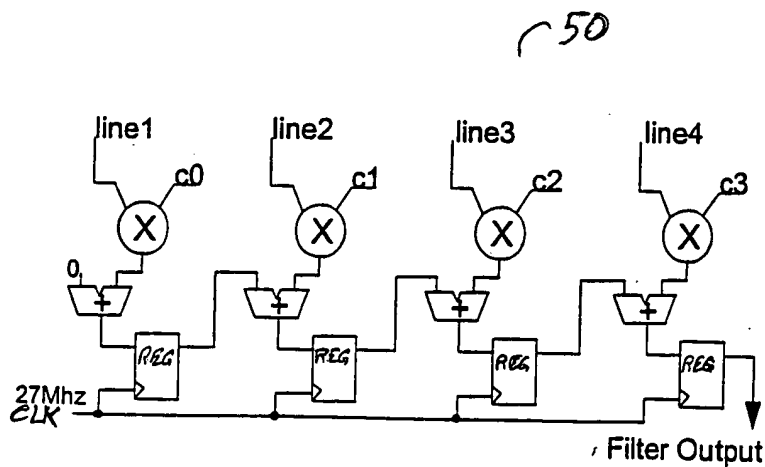


FIG. 2

8 Luma Pixels processed in parallel.  
4 Cycles to complete a 4-tap operation.

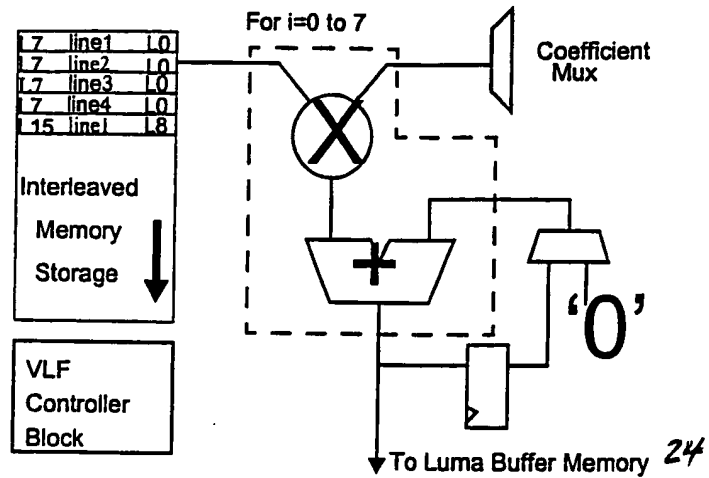


FIG. 3

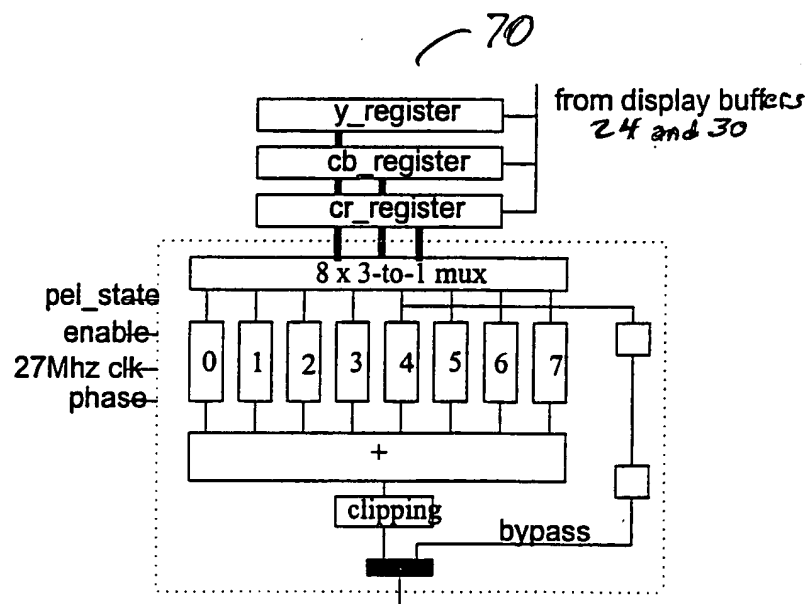


FIG. 4

09855014.054401  
T04T50-T055860

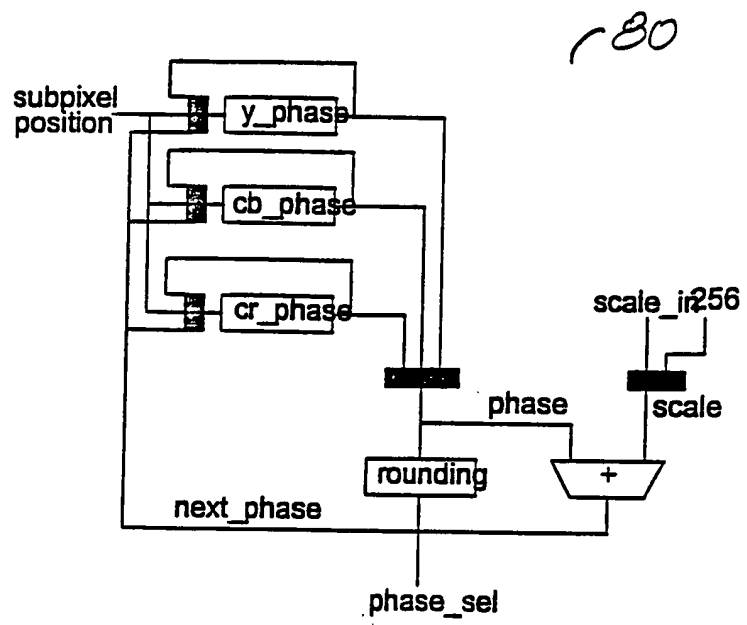


FIG. 5

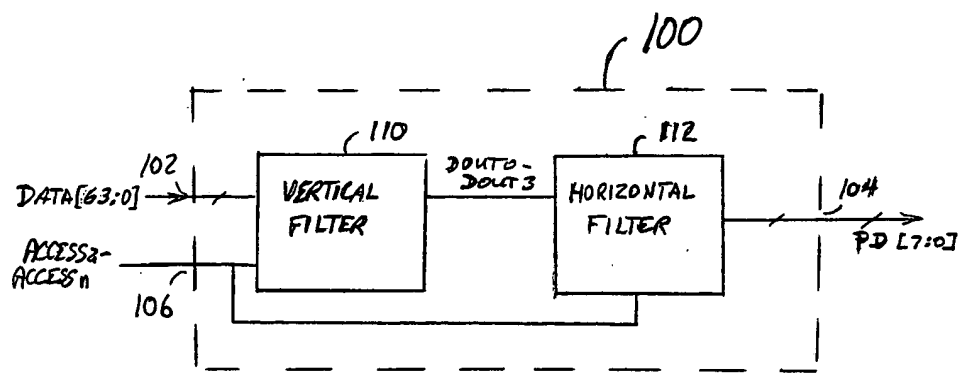


FIG. 6

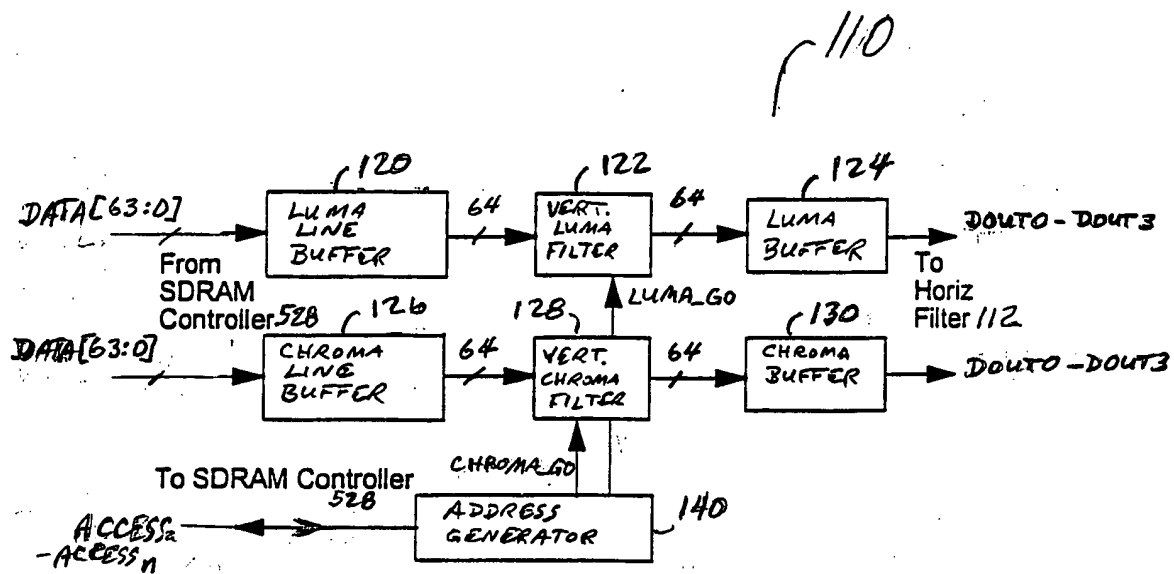


FIG. 7

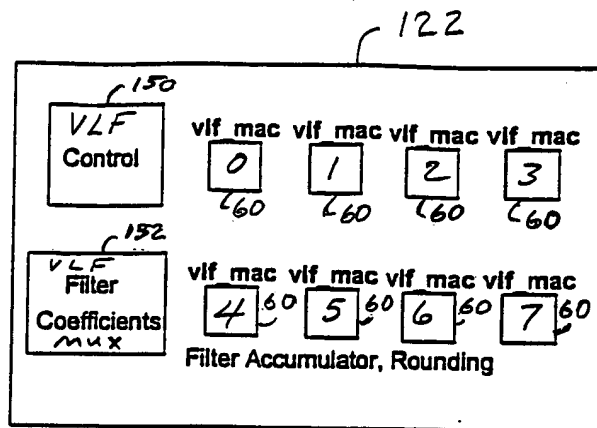


FIG. 8

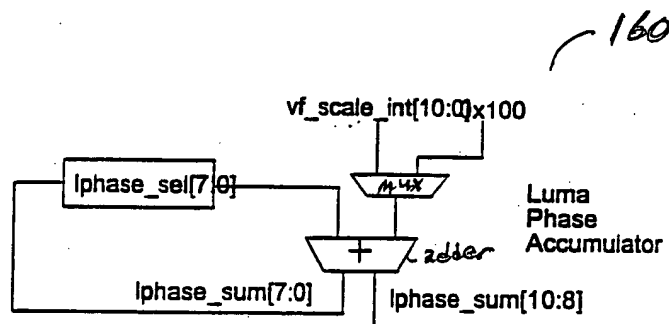


FIG. 9a

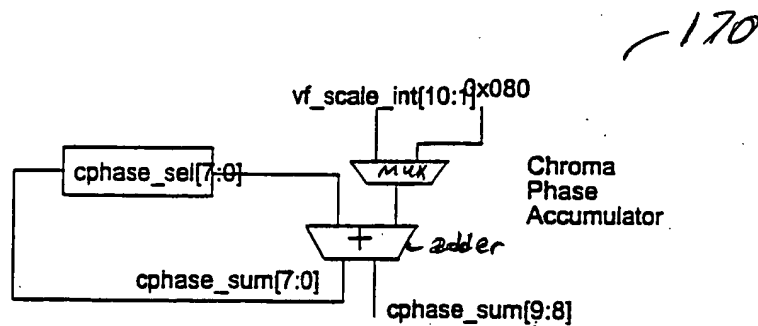


FIG. 9b

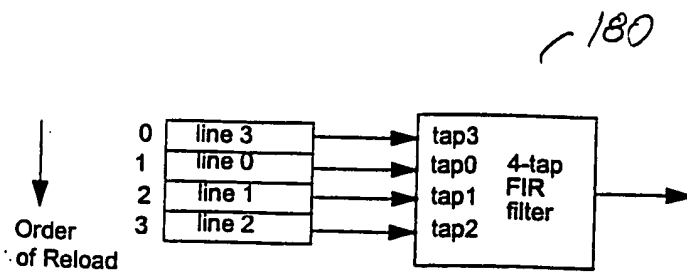


FIG. 10

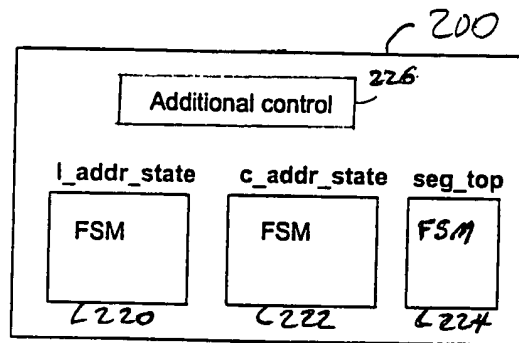


FIG. 11

005501.051401  
004750"TF055860

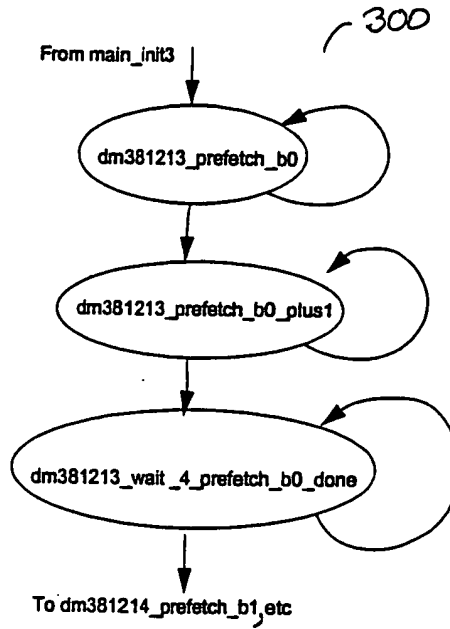


FIG. 12

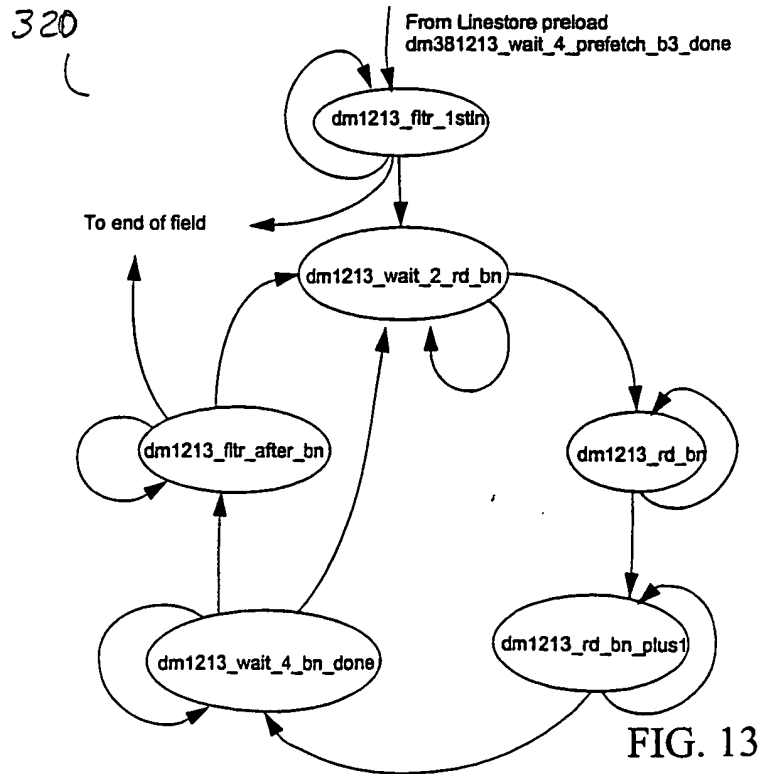


FIG. 13

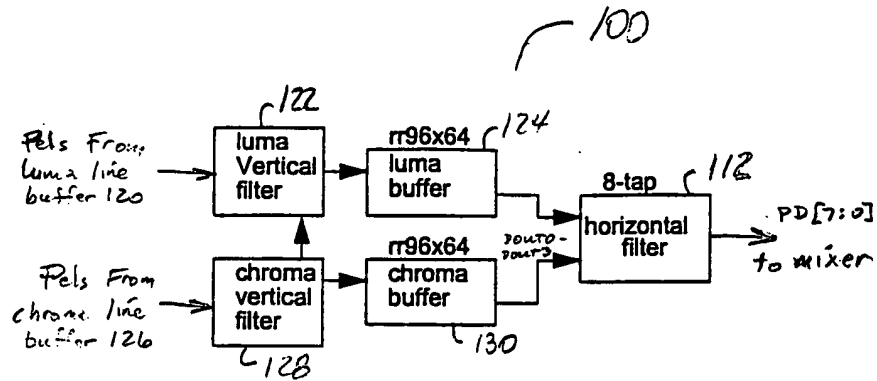


FIG. 14

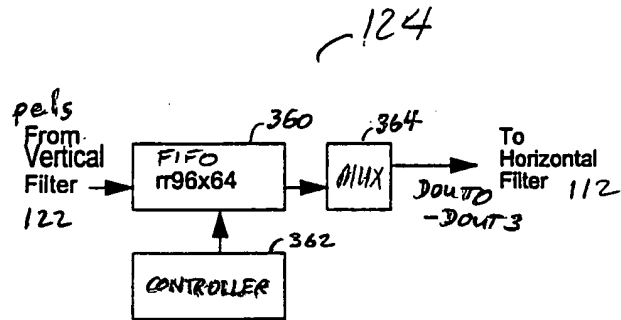


FIG. 15

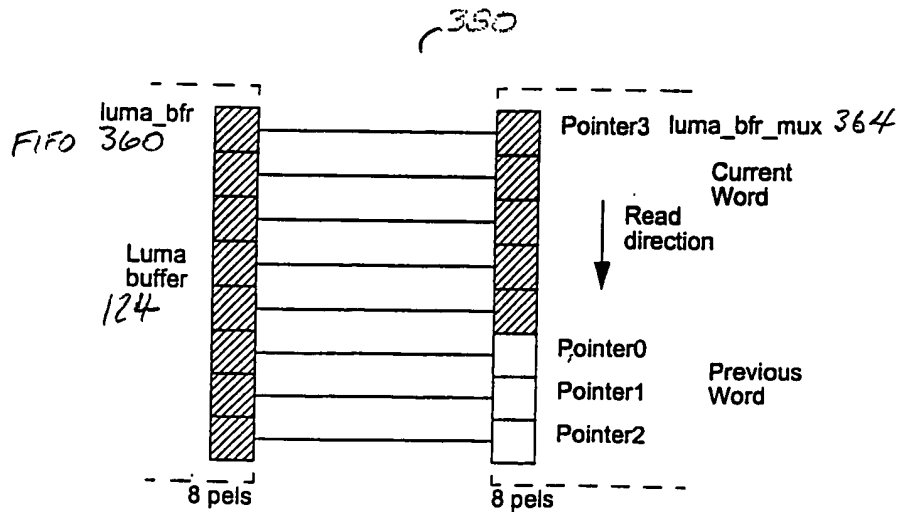


FIG. 16



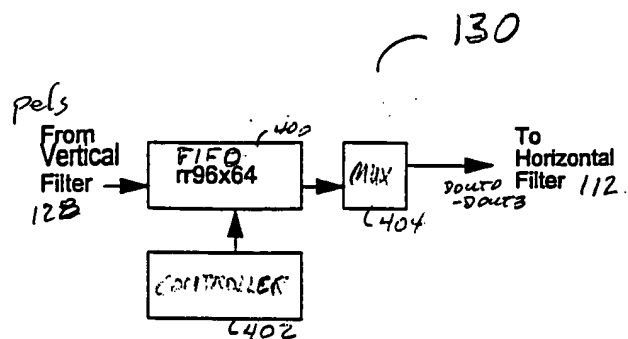


FIG. 17

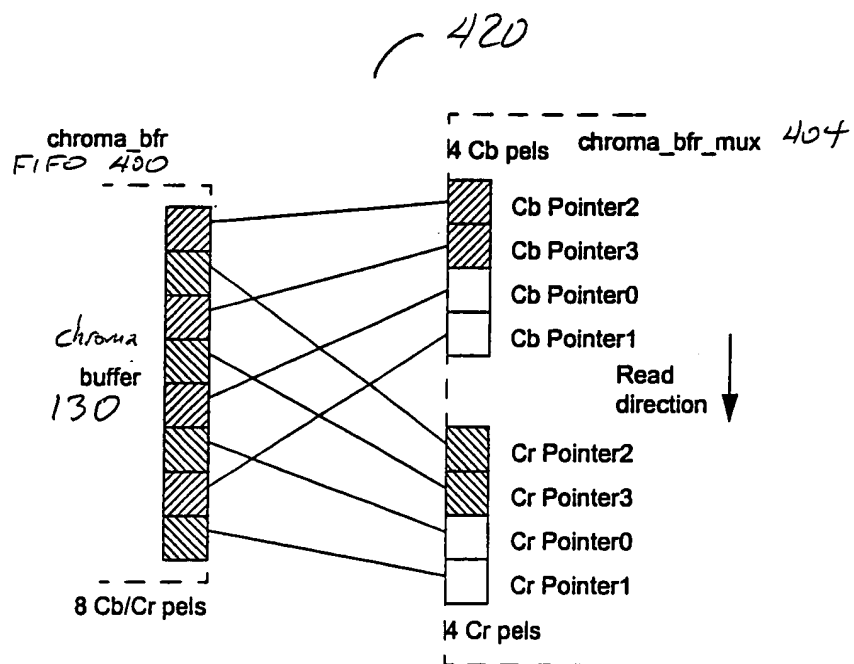


FIG. 18

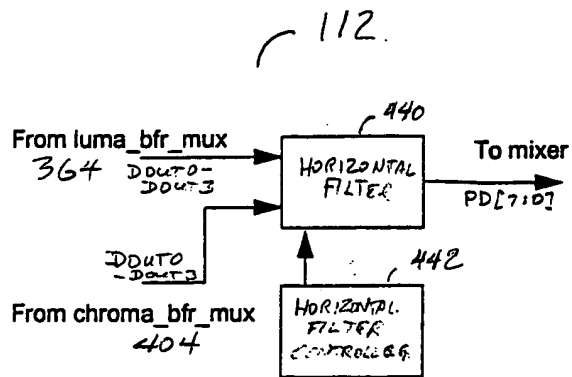


FIG. 19

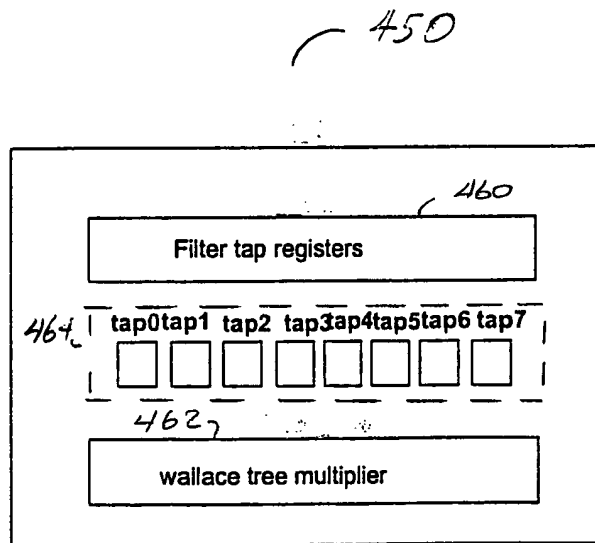


FIG. 20

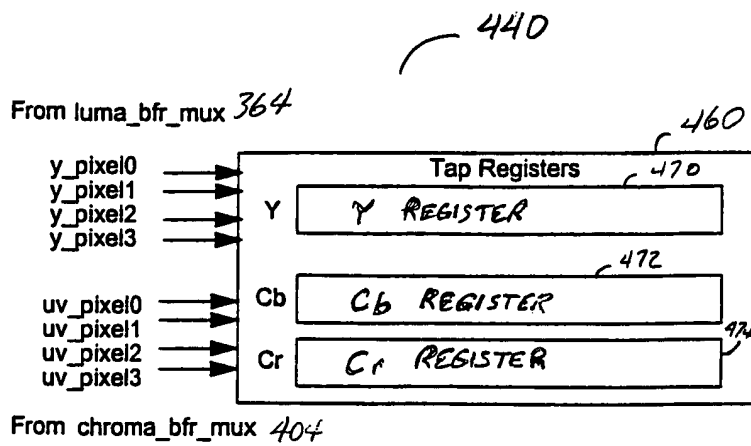


FIG. 21

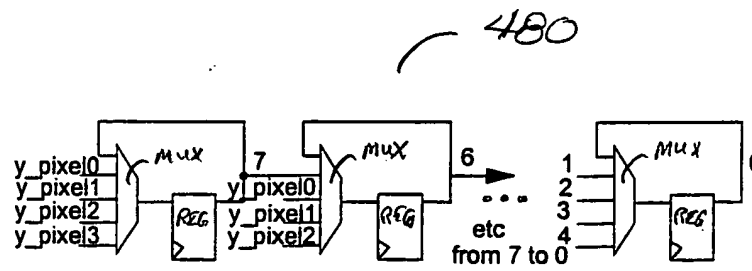
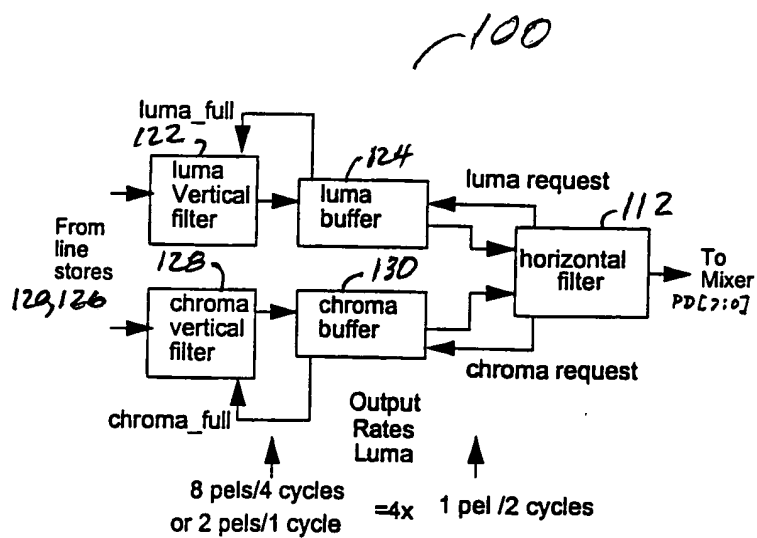
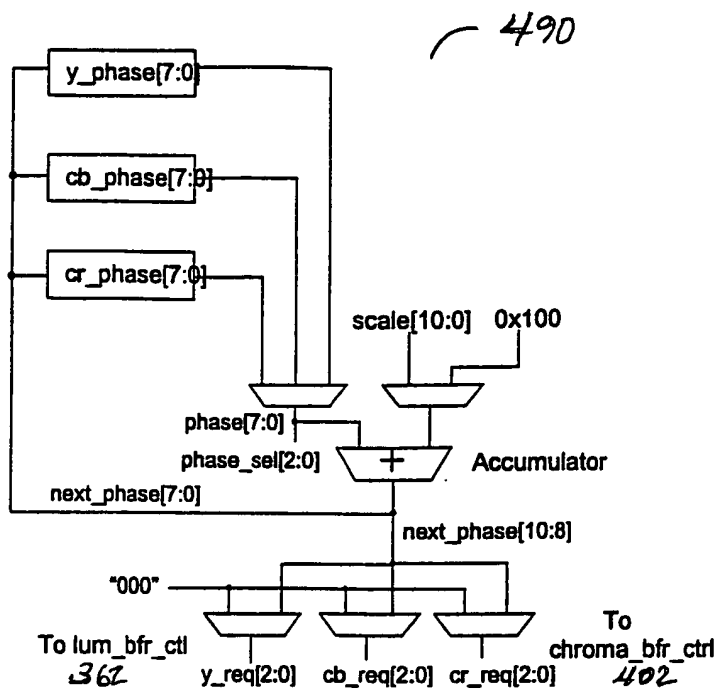


FIG. 22



054401-055501

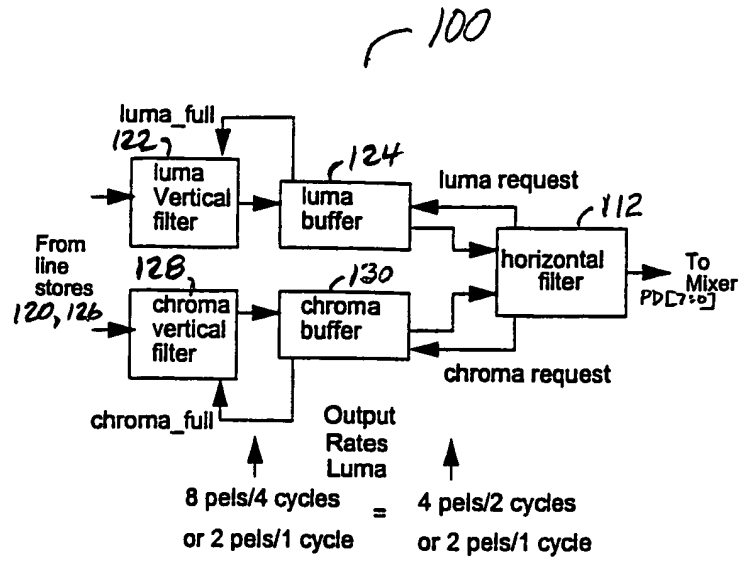


FIG. 25

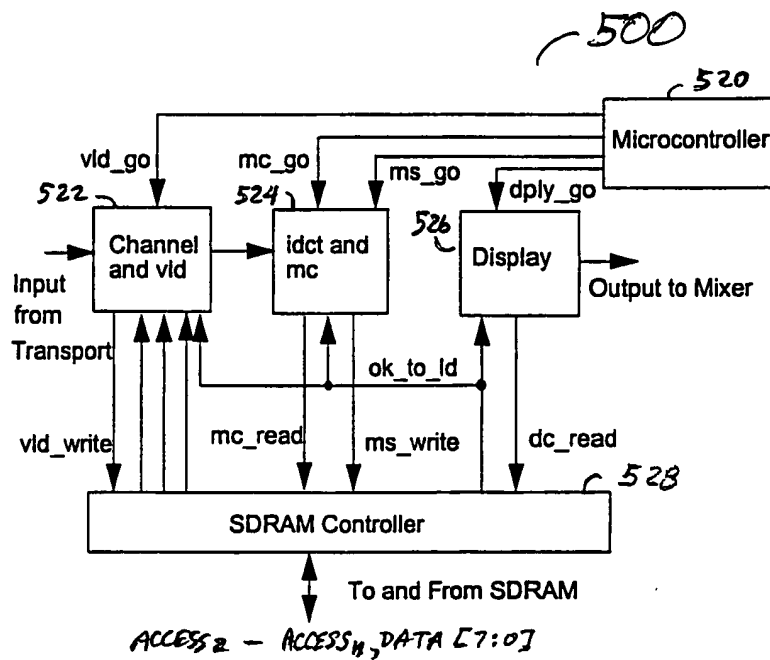


FIG. 26

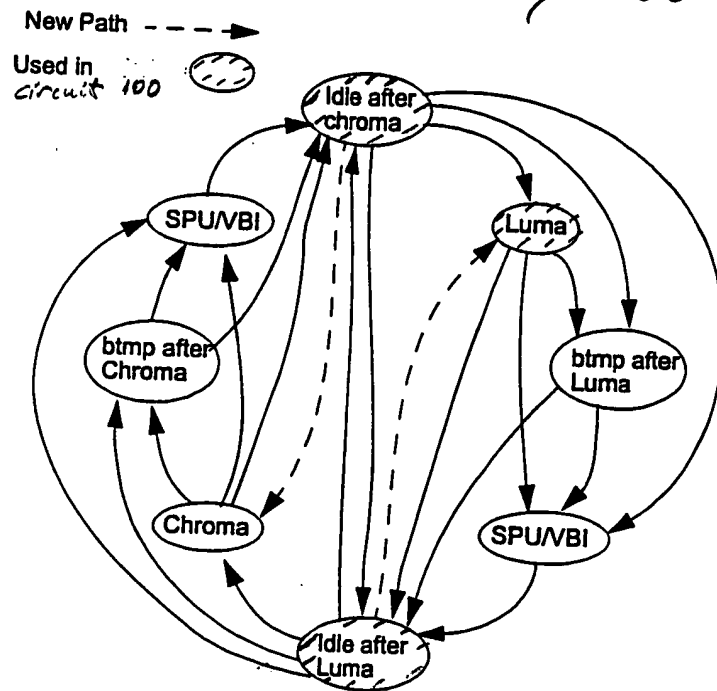


FIG. 27

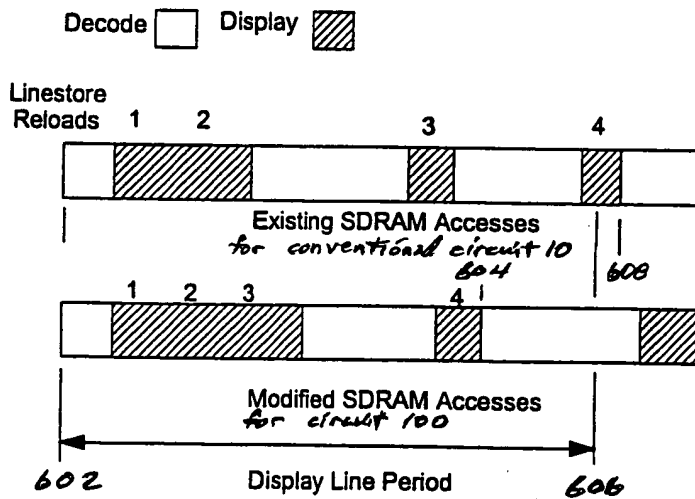


FIG. 28

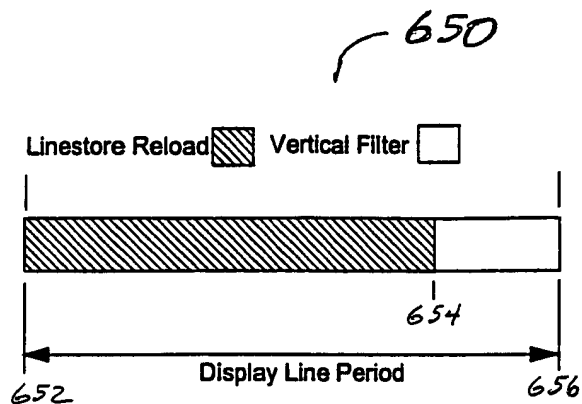


FIG. 29

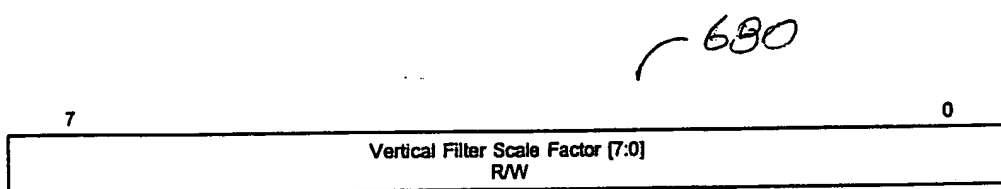


FIG. 30a

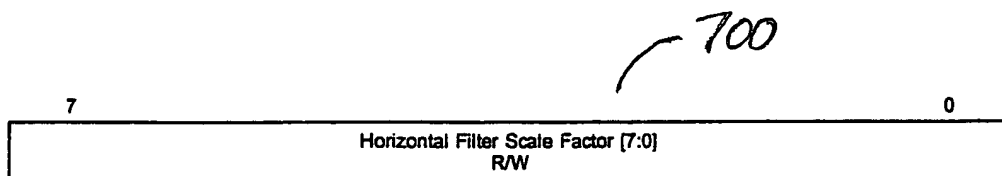


FIG. 30b

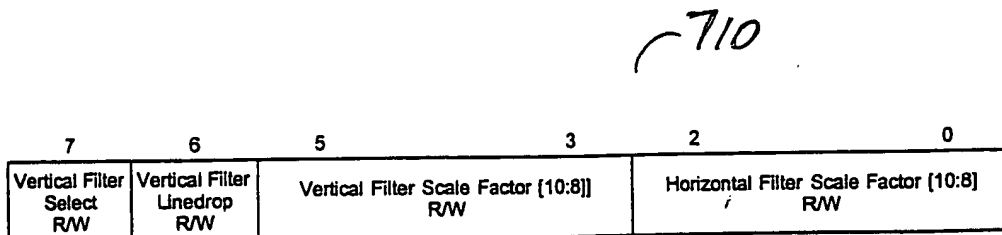


FIG. 31

2025 RELEASE UNDER E.O. 14176

720



FIG. 32a

730

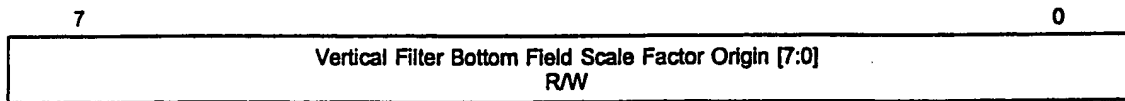


FIG. 32b

095501.051401  
T04T50 T055860